Tripp Lite
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Model #: N520-03M

Multimode Fiber Optics 3-meter (10-ft.) Duplex MMF 50/125 Patch Cable, LC/LC

Highlights

- Premium PVC multimode patch cables
- Attenuation loss meets or exceeds the latest industry standards
- Loop-back cables provide an easier, "single-person" solution for testing fiber optic cable systems
- Higher bandwidth, optimized for gigabit and 10Gbps networks
- Backward compatible with 62.5 micron fiber
- Built-in headroom for future applications

Description

Tripp Lite's 3-meter multimode duplex Fibre Channel optic LC/LC patch cable is manufactured from 50/125 zipcord fiber. The cable has LC connectors on each end. It has a PVC jacket and is FDDI and OFNR rated. 50/125 Duplex multimode fiber is most commonly used in Fibre Channel applications. It is backward compatible with 62.5 micron fiber and provides built-in headroom for future applications. The cable provides higher bandwidth optimized for Gigabit and 10Gbps networks as well. Also available in 1, 2, 5, 10, 15, 20, 25, 30, and 50 meter lengths. Enter "N520-" in the search field to bring up all lengths. For LC-SC cables, search "N516-", and for SC-SC, search "N506-". Tripp Lite warrants this product to be free from defects in materials and workmanship for life.

System Requirements

- Any fiber optic hardware or NIC card requiring multimode duplex cable with LC/LC connectors

Package Includes

- 3M duplex MMF cable LC/LC 50/125 fiber

Features

- Constructed with 50/125 micron cable
- Length - 3M
- Use on fiber and fibre channel installations
- LC male to LC male connectors
- Higher bandwidth optimized for gigabit and 10Gbps networks
- Backward compatible with 62.5 micron fiber
- Built-in headroom for future applications
- Number of fibers: 2
- Fiber type: all glass graded index
- Core diameter: two 50+/-3 microns
- CLAD diameter: 125+/-2 microns
- Primary coating diameter: 245+/-15 microns
- Primary coating material: acrylate
- Secondary coating diameter: 900+/-50 microns
- Secondary coating material: PVC

- Attenuation @850NM: 3.5DB/KM maximum, @1300NM: 1.0DB/KM maximum
- Bandwidth @850NM: 220 MHz-KM minimum, @1300NM: 600 MHz-KM minimum
- Numeric aperture: .275 nominal
- Proof test level: 100,000 PSI
- Insertion loss testing performed on every connector (0.2db typical) and provided with cable
- Beveled edge on ends of glass makes insertion of plug a breeze
- Tripp Lite warrants this product to be free from defects in materials and workmanship for life

Specifications

OVERVIEW	
Attenuation @ 1300NM	1.0 DB/KM maximum
Attenuation @ 850NM	3.5 DB/KM maximum
Bandwidth @ 1300NM	600 MHZ-KM minimum
Bandwidth @ 850NM	220 MHZ-KM minimum
Clad Diameter	125 +/- 2 microns
Core Diameter	Two 50 +/- 3 microns
Fiber Type	All glass graded index
Number of Fibers	2
Numerical Aperture	.275 nominal
Primary Coating Diameter	245 +/- 15 microns
Primary Coating Material	Acrylate
Proof Test Level	100,000 PSI
Secondary Coating Diameter	900 +/- 50 microns
Secondary Coating Material	PVC
Intended Application	Computer Networking (Fiber)
PHYSICAL	
Color	Orange
Style	Fiber Optic
Length	3 m
CONNECTIONS	
Connector A	LC
Connector B	LC

Related Items

Fiber Optic Cables & Adapters		
N506-03M	Multimode Fiber Optics 3-meter (10-ft.) Duplex MMF 50/125 Patch Cable, SC/SC	Qty: [optional]
N516-03M	Multimode Fiber Optics 3-meter (10-ft.) Duplex MMF 50/125 Patch Cable, LC/SC	Qty: [optional]
N520-10M	Multimode Fiber Optics 10-meter (33-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]
N520-50M	Multimode Fiber Optics 50-meter (165-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]
N520-30M	Multimode Fiber Optics 30-meter (100-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]
N520-15M	Multimode Fiber Optics 15-meter (50-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]

N520-05M	Multimode Fiber Optics 5-meter (16-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]
N520-02M	Multimode Fiber Optics 2-meter (6-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]
N520-01M	Multimode Fiber Optics 1-meter (3-ft.) Duplex MMF 50/125 Patch Cable, LC/LC	Qty: [optional]

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=2189.

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